

1). Example:

Input Array = {99,33,22,33,22,44,55,66,77,88}

Ordered Array = {22,22,33,33,44,55,66,77,88,99}

Output Array = {22,33,44,55,66,77,88,99}

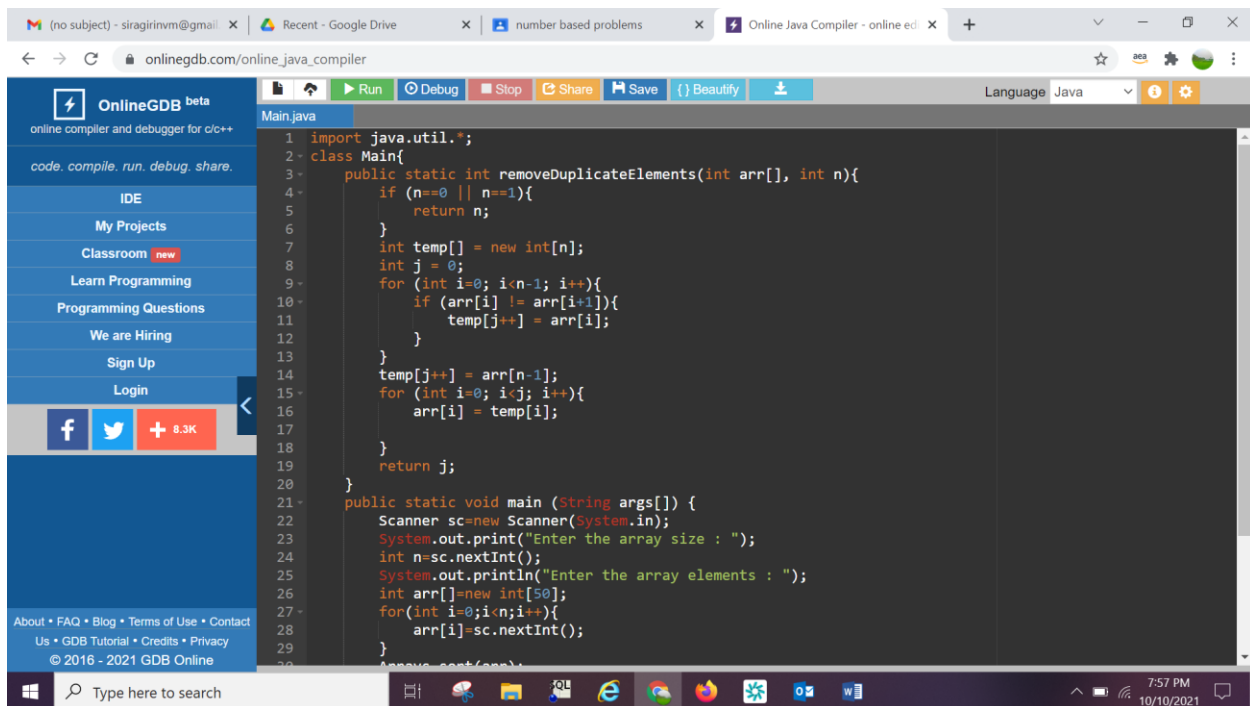
Input Format

10

99 33 22 33 22 44 55 66 77 88

Output Format

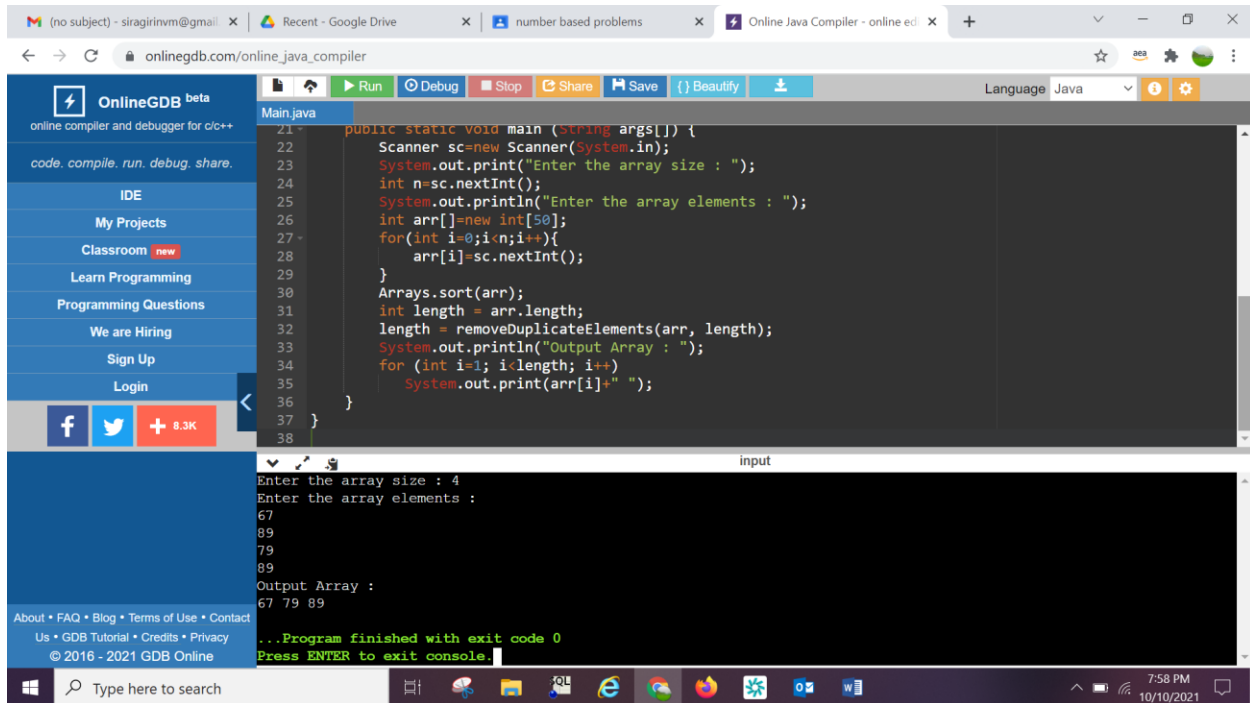
22,33,44,55,66,77,88,99



The screenshot shows the OnlineGDB web IDE interface. The left sidebar contains navigation links like 'IDE', 'My Projects', 'Classroom', 'Learn Programming', 'Programming Questions', 'We are Hiring', 'Sign Up', and 'Login'. The main editor area displays a Java file named 'Main.java' with the following code:

```
1 import java.util.*;
2 class Main{
3     public static int removeDuplicateElements(int arr[], int n){
4         if (n==0 || n==1){
5             return n;
6         }
7         int temp[] = new int[n];
8         int j = 0;
9         for (int i=0; i<n-1; i++){
10             if (arr[i] != arr[i+1]){
11                 temp[j++] = arr[i];
12             }
13         }
14         temp[j++] = arr[n-1];
15         for (int i=0; i<j; i++){
16             arr[i] = temp[i];
17         }
18         return j;
19     }
20 }
21 public static void main (String args[]) {
22     Scanner sc=new Scanner(System.in);
23     System.out.print("Enter the array size : ");
24     int n=sc.nextInt();
25     System.out.println("Enter the array elements : ");
26     int arr[]=new int[50];
27     for(int i=0;i<n;i++){
28         arr[i]=sc.nextInt();
29     }
30 }
```

The bottom of the image shows a Windows taskbar with various application icons and a system clock indicating 7:57 PM on 10/10/2021.



## 2). Example 1

If input1=123, input2=456, input3=789, and input4=0

The result will be =  $3 + 6 + 9 = 18$

## Example 2

If input1=123, input2=456, input3=789, and input4=1

The result will be =  $2 + 5 + 8 = 15$

## Example 3

If input1=123, input2=456, input3=789, and input4=2

The result will be =  $1 + 4 + 7 = 12$

Exceptions/Constraints:

- If the tens value is not available for any of the three numbers, i.e. if any of the three number is  $< 10$ ,

we should use the value 1 for the tens value

- If the hundreds value is not available for any of the three number, i.e if any of the three number is  $< 100$ ,

we should use the value 2 for the hundreds value.

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Main.java

```
1 import java.util.Scanner;
2 class Main{
3     public static void main(String args[]){
4         Scanner sc=new Scanner(System.in);
5         System.out.print("Input 1 = ");
6         int a=sc.nextInt();
7         System.out.print("Input 2 = ");
8         int b=sc.nextInt();
9         System.out.print("Input 3 = ");
10        int c=sc.nextInt();
11        System.out.print("Input 4 = ");
12        int d=sc.nextInt();
13        int LastDigit1=a%10;
14        int LastDigit2=b%10;
15        int LastDigit3=c%10;
16        int LastDigit4=d%10;
17        int x=LastDigit1+LastDigit2+LastDigit3+LastDigit4;
18        System.out.print("The sum of last digit : "+x);
19        int MiddleDigit1=(a/10)%10;
20        int MiddleDigit2=(b/10)%10;
21        int MiddleDigit3=(c/10)%10;
22        int MiddleDigit4=(d/10)%10;
23        int y=MiddleDigit1+MiddleDigit2+MiddleDigit3+MiddleDigit4;
24        System.out.print("\nThe sum of middle digit : "+y);
25        int FirstDigit1=0,FirstDigit2=0,FirstDigit3=0,FirstDigit4=0;
26        while(a>0){
27            FirstDigit1=a%10;
28            a=a/10;
29        }
30        while(b>0){
31            FirstDigit2=b%10;
32            b=b/10;
33        }
34        while(c>0){
35            FirstDigit3=c%10;
36            c=c/10;
37        }
38        while(d>0){
39            FirstDigit4=d%10;
40            d=d/10;
41        }
42        int z=FirstDigit1+FirstDigit2+FirstDigit3+FirstDigit4;
43        System.out.print("\nThe sum of first digit : "+z);
44    }
45 }
```

Language Java

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Main.java

```
25 int FirstDigit1=0,FirstDigit2=0,FirstDigit3=0,FirstDigit4=0;
26 while(a>0){
27     FirstDigit1=a%10;
28     a=a/10;
29 }
30 while(b>0){
31     FirstDigit2=b%10;
32     b=b/10;
33 }
34 while(c>0){
35     FirstDigit3=c%10;
36     c=c/10;
37 }
38 while(d>0){
39     FirstDigit4=d%10;
40     d=d/10;
41 }
42 int z=FirstDigit1+FirstDigit2+FirstDigit3+FirstDigit4;
43 System.out.print("\nThe sum of first digit : "+z);
44 }
```

input

```
Input 3 = 78689
Input 4 = 07976
The sum of last digit : 30
The sum of middle digit : 29
The sum of first digit : 26
...Program finished with exit code 0
Press ENTER to exit console.
```

Type here to search

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